Claims

1. Three-conductor cable consisting of three intertwined electrical cables, each with one conductor which has a current lead (2) and a neutral and/or return line, characterised in that the neutral and/or return line of each electrical cable is formed by a number of component conductors (4) which are distributed concentrically about the current lead (2), that between the current lead (2) and the distributed component conductors (4) of the neutral and/or return line there is an insulation (3) and that there is also a protective sheath (7) applied on top of the neutral and/or return line.

2. Three-conductor cable according to claim 1, characterised in that the current lead (2) of each electrical cable is encased in an extruded plastic insulation.

3. Three-conductor cable according to claim 1 or 2, characterised in that embedded in each concentrically-arranged neutral and/or return line, formed for example by eight component conductors (4), are dummy conductors (5) and control conductors (6) which are coupled for control, monitoring, measurement and command purposes.

4. Three-conductor cable according to claim 1 or 2, characterised in that in each current lead (2), control conductors (6) are embedded which are coupled for control, monitoring, measurement and command purposes.

5. Three-conductor cable according to one of claims 1 to 4, characterised in that over each neutral and/or return line a fleece tape (7) and over this a protective sheath (8) preferably made from plastic is applied.

6. Three-conductor cable according to one of claims 1 to 5, characterised in that the three electrical cables (1) are held together by a sheath (9) which encases them.

7. High-frequency electrical cable for power transmission at a frequency of at least 50 MHz characterised by a three-conductor cable according to one of claims 1 to 6.